U.S. Domestic Shipments of Title 49CFR 173.150 (g): Class 3 Exceptions Containing Ethyl Alcohol

Products containing ethyl alcohol are usually flammable and considered a dangerous goods/hazardous material. If you ship cosmetics (including perfumes), medicines, foods and beverages that are flammable because they contain ethyl alcohol, there is exception in the 49 Code of Federal Regulations (49CFR), 173.150 (g) which **may** allow these types of shipments to be shipped as non-regulated or non-hazardous. **NOTE: Alcoholic Beverages requires the alcohol agreement with FedEx and state/federal licensing.**

This 49CFR exception is applicable to U.S. domestic shipments only. FedEx does accept shipments that meet 173.150 (g) criteria. As an example, perfume shipments meeting the criteria in 49CFR 173.150 (g) may be offered as a non-regulated or non-hazardous shipment when shipped within the U. S. and U. S. territories.

Criteria for shipping with FedEx air services as non-regulated or non-hazardous materials:

Inner packaging criteria for shipping products with 70% or less of ethyl alcohol content:

- Glass inner receptacles must be 8 ounces (0.063 gallons)/0.23 liters or less
- Non-glass inner receptacles must be 16 ounces (0.125 gallons)/0.47 liters or less

Inner packaging criteria for shipping products with more than 70% of ethyl alcohol content:

- Glass and non-glass inner receptacles must be 8 ounces (0.063gallons)/0.23liters or less

General shipping requirements:

- Total net quantity is 192 ounces maximum (1.5 gallons)/5.6 liters or less
- The gross package weight of the completed package on a scale is 66 pounds/29.9 kilograms
- Inner packagings must be secured and cushioned within the outer package to prevent breakage, leakage and movement

Complete reference information for 49 CFR 173.150 (g) can be found online at:

https://www.govregs.com/regulations/49/173.150.

Important reminder: All shipments to or from a country other than the U.S. and U. S. territories **must** be offered under IATA/ICAO regulations when offered to FedEx. The 49CFR 173.150 (g) exception listed above is for **U.S. domestic shipments only.**

Questions may be directed to the FedEx Dangerous Goods/Hazardous Materials hotline at 1.800.Go.FedEx 1.800.463.3339, press silent prompt "81" (or say dangerous goods), then press "4" for the next available Dangerous Goods (DG) agent.

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49 CFR 173.150 (g): Exceptions for Class 3 (Flammable and combustible liquids)

(g) ***Limited quantities of retail products containing ethyl alcohol.***

(1) Beverages, food, cosmetics and medicines, medical screening solutions, and concentrates sold as retail products containing ethyl alcohol classed as a flammable liquid or flammable solid containing not more than 70% ethyl alcohol by volume for liquids, by weight for solids are excepted from the HMR provided that:

(i) For non-glass inner packagings:

(A) The volume does not exceed 0.47 liters (0.125 gallons) in capacity for liquids; or

(B) For volumes greater than 0.47 liters (0.125 gallons) but not exceeding 3.8 liters (1 gallon) the company name and the words "Contains Ethyl Alcohol" are marked on the package;

(C) Solids containing ethyl alcohol may be packaged in non-glass inner packagings not exceeding 0.45 kilograms (1 pound) capacity;

(D) For weight greater than 0.45 kilograms (1 pound) up to 3.62 kilograms (8 pounds) the company name and the words "Contains Ethyl Alcohol" are marked on the package.

(ii) For glass inner packagings:

(A) The volume does not exceed 0.23 liters (.063 gallons) in capacity; or

(B) For volumes greater than 0.23 liters (.063 gallons) to 0.47 liters (0.125 gallons) the company name and the words "Contains Ethyl Alcohol" are marked on the package;

(C) Solids containing ethyl alcohol may be packaged in glass inner packagings not exceeding 0.22 kilograms (0.5 pounds);

(D) For weight greater than 0.22 kilograms (0.5 pounds) up to 0.45 kilograms (1 pound) the company name and the words "Contains Ethyl Alcohol" are marked on the package.

(iii) The net liquid contents of all inner packagings in any single outer packaging may not exceed 5.6 liters (1.5 gallons). The net solid contents of all inner packagings in any single outer packaging may not exceed 15 kilograms (33 pounds). The gross weight of any single outer package shipped may not exceed 30 kilograms (66 pounds); Inner packagings must be secured and cushioned within the outer package to prevent breakage, leakage, and shifting.

(2) Beverages, food, cosmetics and medicines, medical screening solutions, and concentrates sold as retail products containing ethyl alcohol classed as a flammable liquid or flammable solid containing more than 70% ethyl alcohol by volume, by weight for solids are excepted from the HMR provided that:

(i) For inner packagings containing liquids the volume does not exceed 0.23 liters (0.063 gallons) in capacity;

(ii) Solids containing ethyl alcohol are not packed in inner packagings exceeding 0.22 kilograms (0.5 pounds) in weight;

(iii) The net liquid contents of all inner packagings in any single outer packaging may not exceed 5.6 liters (1.5 gallons). The net solid contents of all inner packagings in any single outer packaging may not exceed 15 kilograms (33 pounds). The gross weight of any single outer package shipped may not exceed 30 kilograms (66 pounds). Inner packagings must be secured and cushioned within the outer package to prevent breakage, leakage, and shifting.

(3) For transportation by passenger or cargo aircraft, no outer package may be transported which contains an inner packaging exceeding:

(i) 0.47 liters (0.125 gallons) of flammable liquid; or

(ii) 0.45 kilograms (1 pound) of solids containing flammable liquid.

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